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# Hogs and Pigs

1.9  
EC 742P I



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Washington, D.C.

Released January 3, 1992, by the Agricultural Statistics Board. Estimates refer to December 1, September-November 1991, revisions for 1990 and 1991.

## Hog Inventories Up 5 Percent

U.S. inventory of all hogs and pigs on December 1, 1991, is 57.0 million head. This is a 5 percent increase from last year and 6 percent above December 1, 1989.

Breeding inventory, at 7.22 million head, was up 5 percent from both the previous year and December 1, 1989.

Market hog inventory, at 49.8 million head is 5 percent above December 1, 1990, and up 6 percent from two years ago.

The 16 quarterly States, with an inventory of 52.0 million head on December 1, 1991, are up 5 percent from last year and 6 percent above December 1, 1989. These 16 states accounted for approximately 91 percent of the total U.S. hog and pig inventory.

The September-November 1991 U.S. pig crop was 23.2 million head, 5 percent more than 1990 and up 7 percent from the same period in 1989. Sows farrowing during this period totaled 2.94 million head, up 4 percent from last year and 5 percent above 1989. Pigs saved per litter averaged 7.89, a record high for the quarter, compared to 7.82 during the same period in 1990.

In the 16 quarterly States, the September-November pig crop was 21.1 million head, up 5 percent from last year and up 7 percent from two years ago. There were 2.68 million sows that farrowed during September-November 1991, up 4 percent from a year earlier and 5 percent above the same period two years ago. Sows farrowing during September-November 1991 in the 16 States averaged 7.89 pigs per litter, a record high for the quarter, compared with 7.81 during the comparable period a year ago.

U.S. producers intend to have 2.90 million sows farrow during the December 1991-February 1992 quarter, 7 percent more than the actual farrowings during the same period last year and 11 percent above 1990. Intended farrowings for March-May 1992 at 3.32 million sows, is 1 percent above 1991 and up 6 percent from March-May 1990.

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For information, call Doyle Fuchs (202) 720-3106. Office hours are 8:00 a.m. to 4:30 p.m. ET.

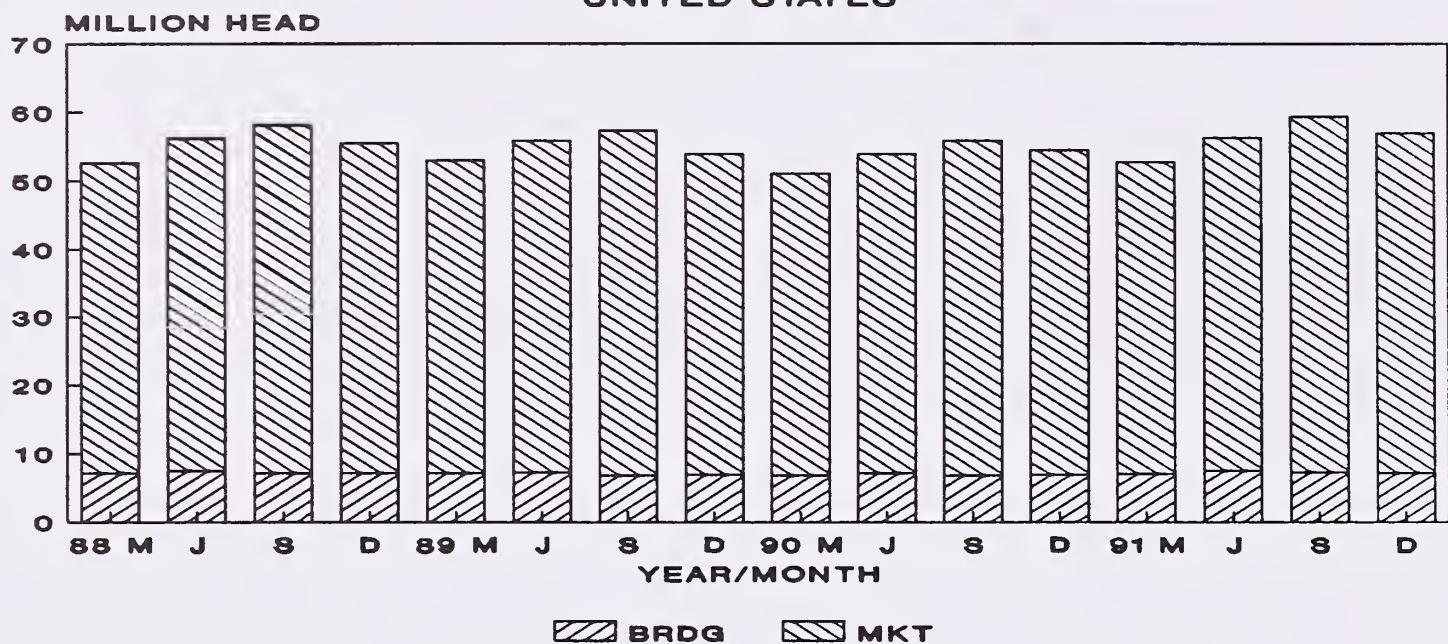
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Farrowing intentions in the 16 quarterly States for December 1991-February 1992 are 2.63 million head, up 8 percent from the corresponding period last year and 12 percent above two years ago. March-May 1992 intended farrowings, at 3.02 million head are up 1 percent from a year earlier and 6 percent above 1990.

The number of operations with hogs totaled 256,390 during 1991, down 7 percent from last year and 16 percent below 1989. Places with 500 or more hogs on hand accounted for 12 percent of the operations and 68 percent of the inventory. A year ago 10.3 percent of the operations had inventories over 500 head, accounting for 65.5 percent of the inventory.

Value per head averaged \$69.10 in 1991, compared to \$85.40 during 1990 and \$79.10 in 1989. The December 1, 1991 inventory was valued at \$3.94 billion, compared to \$4.65 billion a year ago and \$4.26 billion on December 1, 1989.

### DECEMBER 1 HOGS & PIGS INVENTORY UNITED STATES



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This report was approved on January 3, 1992, by the Acting Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.

*Bruce L. Gardner*

Acting Secretary of  
Agriculture  
Bruce L. Gardner

*Rich Allen*

Agricultural Statistics Board  
Chairperson  
Rich Allen

Hogs and Pigs: Inventory Number, March 1, June 1, September 1, December 1,  
1989-91 United States

Item	1989	1990	1991	1991 as % of	
				1989	1990
----- 1,000 Head -----					
March 1 Inventory				- Percent -	
All Hogs and Pigs	52,965	51,150	52,760	100	103
Kept For Breeding	7,081	6,806	6,992	99	103
Market	45,884	44,344	45,768	100	103
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	17,624	16,895	17,663	100	105
60-119 Pounds	10,995	10,602	11,036	100	104
120-179 Pounds	9,493	9,209	9,315	98	101
180 Pounds and Over	7,772	7,638	7,754	100	102
June 1 Inventory					
All Hogs and Pigs	55,880	53,850	56,390	101	105
Kept For Breeding	7,315	7,075	7,500	103	106
Market	48,565	46,775	48,890	101	105
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	20,687	19,806	20,750	100	105
60-119 Pounds	12,090	11,718	12,375	102	106
120-179 Pounds	8,785	8,535	8,821	100	103
180 Pounds and Over	7,003	6,716	6,944	99	103
September 1 Inventory					
All Hogs and Pigs	57,315	55,940	59,250	103	106
Kept For Breeding	6,832	6,815	7,260	106	107
Market	50,483	49,125	51,990	103	106
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	19,150	18,936	20,125	105	106
60-119 Pounds	12,502	12,218	12,980	104	106
120-179 Pounds	10,559	10,132	10,620	101	105
180 Pounds and Over	8,272	7,839	8,265	100	105
December 1 Inventory					
All Hogs and Pigs	53,821	54,477	56,974	106	105
Kept For Breeding	6,862	6,870	7,224	105	105
Market	46,959	47,607	49,750	106	105
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	17,195	17,866	18,543	108	104
60-119 Pounds	12,183	12,206	12,704	104	104
120-179 Pounds	9,673	9,641	10,202	105	106
180 Pounds and Over	7,908	7,894	8,302	105	105

Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
1989-92, United States

Item	1989	1990	1991	1992	1991 as % of 1992	1992 as % of 1989	Percent
					1989 : 1990	1990 : 1991	
: ----- 1,000 Head -----						----- Percent -----	
<b>Sows Farrowing:</b>							
Dec-Feb 1/	2,723	2,602	2,711	2/2,900	100	104	107
Mar-May	3,318	3,143	3,285	2/3,319	99	105	101
Dec-May 1/	6,041	5,745	5,996	2/6,219	99	104	104
<b>Pig Crop:</b>							
Dec-Feb 1/	21,168	20,362	21,325		101	105	
Mar-May	26,070	24,959	26,142		100	105	
Dec-May 1/	47,238	45,321	47,467		100	105	
<b>Pigs Per Litter:</b>						Number	
Dec-Feb 1/	7.77	7.83	7.87		101	101	
Mar-May	7.86	7.94	7.96		101	100	
Dec-May 1/	7.82	7.89	7.92		101	100	
<b>1/ December preceding year. 2/ Intentions.</b>							

Hogs and Pigs: Inventory Number, March 1, June 1, September 1, December 1,  
1989-91 10 States<sup>1/</sup>

Item	1989	1990	1991	1991 as % of	
				1989	1990
	----- 1,000 Head -----			- Percent -	
March 1 Inventory					
All Hogs and Pigs	41,655	40,190	41,990	101	104
Kept For Breeding	5,445	5,245	5,450	100	104
Market	36,210	34,945	36,540	101	105
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	13,865	13,289	14,040	101	106
60-119 Pounds	8,678	8,335	8,770	101	105
120-179 Pounds	7,545	7,338	7,555	100	103
180 Pounds and Over	6,122	5,983	6,175	101	103
June 1 Inventory					
All Hogs and Pigs	44,020	42,630	44,520	101	104
Kept For Breeding	5,550	5,405	5,720	103	106
Market	38,470	37,225	38,800	101	104
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	16,315	15,680	16,390	100	105
60-119 Pounds	9,600	9,325	9,815	102	105
120-179 Pounds	6,995	6,845	7,070	101	103
180 Pounds and Over	5,560	5,375	5,525	99	103
September 1 Inventory					
All Hogs and Pigs	45,050	44,120	46,900	104	106
Kept For Breeding	5,320	5,300	5,675	107	107
Market	39,730	38,820	41,225	104	106
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	15,045	14,880	15,905	106	107
60-119 Pounds	9,845	9,580	10,250	104	107
120-179 Pounds	8,430	8,190	8,555	101	104
180 Pounds and Over	6,410	6,170	6,515	102	106
December 1 Inventory					
All Hogs and Pigs	42,200	42,900	45,055	107	105
Kept For Breeding	5,275	5,257	5,580	106	106
Market	36,925	37,643	39,475	107	105
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	13,450	14,105	14,725	109	104
60-119 Pounds	9,602	9,693	10,070	105	104
120-179 Pounds	7,609	7,600	8,095	106	107
180 Pounds and Over	6,264	6,245	6,585	105	105

1/ GA, IL, IN, IA, KS, MN, MO, NE, NC, and OH.

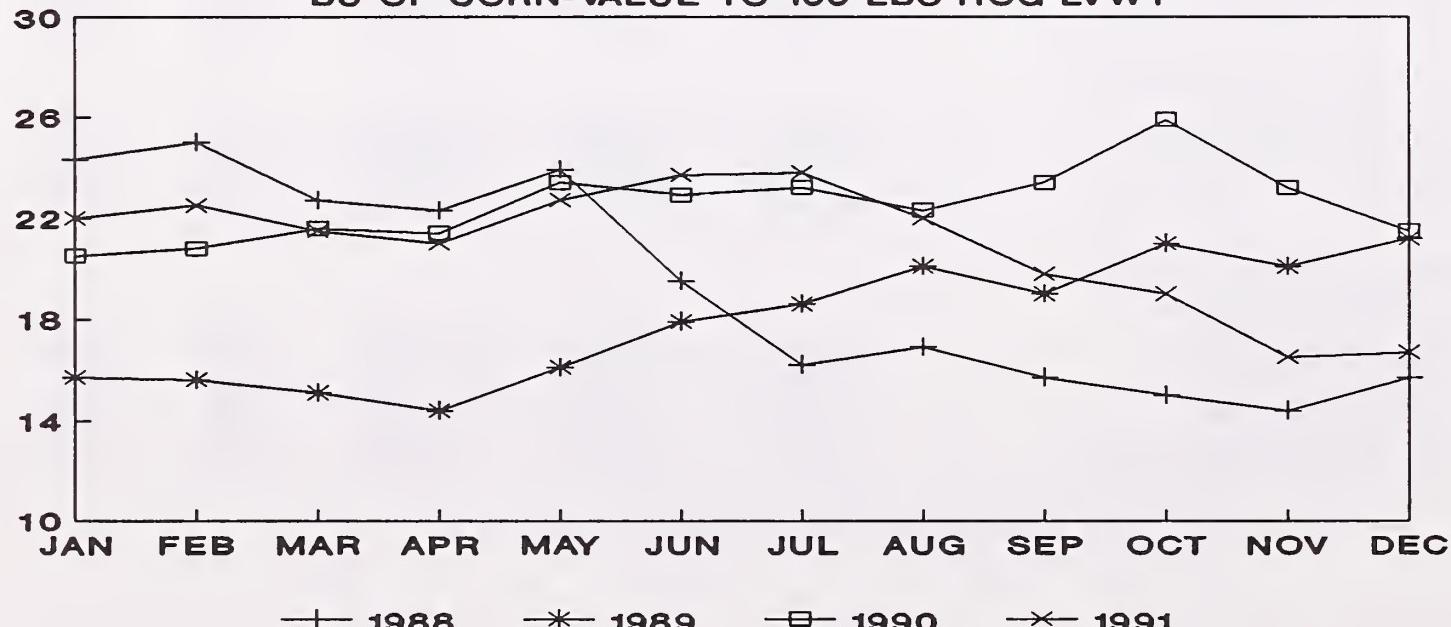
Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
1989-92, 10 States 1/

Item	1989	1990	1991	1992	1991 as % of 1992 as Percent	1989 : 1990 Percent	1991 as % of 1992 as Percent
	1,000 Head						
<b>Sows Farrowing:</b>							
Dec-Feb 2/	2,114	2,028	2,129	3/2,298	101	105	108
Mar-May	2,585	2,458	2,586	3/2,615	100	105	101
Dec-May 2/	4,699	4,486	4,715	3/4,913	100	105	104
Jun-Aug	2,309	2,236	2,441		106	109	
Sept-Nov	2,195	2,238	2,323		106	104	
Jun-Nov	4,504	4,474	4,764		106	106	
<b>Pig Crop:</b>							
Dec-Feb 2/	16,481	15,870	16,770		102	106	
Mar-May	20,348	19,576	20,632		101	105	
Dec-May 2/	36,829	35,446	37,402		102	106	
Jun-Aug	18,049	17,684	19,278		107	109	
Sept-Nov	16,929	17,459	18,355		108	105	
Jun-Nov	34,978	35,143	37,633		108	107	
<b>Pigs Per Litter:</b>							
Dec-Feb 2/	7.80	7.83	7.88		101	101	
Mar-May	7.87	7.96	7.98		101	100	
Dec-May 2/	7.84	7.90	7.93		101	100	
Jun-Aug	7.82	7.91	7.90		101	100	
Sept-Nov	7.71	7.80	7.90		102	101	
Jun-Nov	7.77	7.85	7.90		102	101	

1/ GA, IL, IN, IA, KS, MN, MO, NE, NC, OH. 2/ December preceding year.

3/ Intentions.

**US HOG-CORN PRICE RATIO**  
BU OF CORN-VALUE TO 100 LBS HOG LVWT



**Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
December 1, 1990-91**

State	Breeding			Market			Total		
	1991			1991			1991		
	1990	: As % of Number:	1990	1990	: As % of Number:	1990	1990	: As % of Number:	1990
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
GA	160	160	100	940	970	103	1,100	1,130	103
IL	710	740	104	4,990	5,060	101	5,700	5,800	102
IN	540	550	102	3,860	4,000	104	4,400	4,550	103
IA	1,600	1,800	113	12,200	13,000	107	13,800	14,800	107
KS	170	170	100	1,330	1,230	92	1,500	1,400	93
MN	560	590	105	3,940	4,310	109	4,500	4,900	109
MO	405	375	93	2,395	2,275	95	2,800	2,650	95
NE	530	540	102	3,770	3,860	102	4,300	4,400	102
NC	330	430	130	2,470	3,120	126	2,800	3,550	127
OH	252	225	89	1,748	1,650	94	2,000	1,875	94
10 St	5,257	5,580	106	37,643	39,475	105	42,900	45,055	105
KY	130	135	104	790	815	103	920	950	103
MI	170	175	103	1,080	1,095	101	1,250	1,270	102
PA	100	100	100	820	820	100	920	920	100
SD	245	260	106	1,525	1,690	111	1,770	1,950	110
TN	90	90	100	530	580	109	620	670	108
WI	175	170	97	1,025	1,010	99	1,200	1,180	98
16 St	6,167	6,510	106	43,413	45,485	105	49,580	51,995	105
AL	75	65	87	325	310	95	400	375	94
AK	0.30	0.40	133	0.90	1.0	111	1.2	1.4	117
AZ	13	12	92	97	88	91	110	100	91
AR	91	110	121	669	650	97	760	760	100
CA	28	29	104	167	186	111	195	215	110
CO	42	45	107	258	365	141	300	410	137
CT	1.0	1.1	110	5.9	5.9	100	6.9	7.0	101
DE	4.0	4.0	100	27	35	130	31	39	126
FL	23	24	104	107	111	104	130	135	104
HI	6.0	6.0	100	30	28	93	36	34	94
ID	8.0	7.0	88	52	45	87	60	52	87
LA	9.0	10	111	41	50	122	50	60	120
ME	1.8	1.7	94	8.1	7.5	93	9.9	9.2	93
MD	27	30	111	135	145	107	162	175	108
MA	4.0	5.0	125	29	24	83	33	29	88
MS	21	22	105	128	127	99	149	149	100
MT	24	26	108	161	199	124	185	225	122
NV	2.0	2.0	100	12	11	92	14	13	93
NH	1.5	1.5	100	7.8	7.5	96	9.3	9.0	97
NJ	3.0	2.3	77	22	22	100	25	24	96
NM	4.0	4.0	100	23	20	87	27	24	89
NY	15	14	93	88	84	95	103	98	95
ND	34	37	109	231	253	110	265	290	109
OK	35	34	97	180	156	87	215	190	88
OR	11	11	100	69	64	93	80	75	94
RI	0.60	0.70	117	4.7	5.3	113	5.3	6.0	113
SC	61	59	97	349	346	99	410	405	99
TX	85	80	94	465	420	90	550	500	91
UT	5.0	5.0	100	28	33	118	33	38	115
VT	0.90	0.90	100	4.1	4.3	105	5.0	5.2	104
VA	50	48	96	380	362	95	430	410	95
WA	10	7.0	70	46	51	111	56	58	104
WV	5.0	6.0	120	25	28	112	30	34	113
WY	2.0	3.0	150	18	21	117	20	24	120
US	6,870	7,224	105	47,607	49,750	105	54,477	56,974	105

Market Hogs and Pigs: Inventory Number, By Weight Groups,  
December 1, 1990-91

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1990	1991	1990	1991	1990	1991	1990	1991
----- 1,000 Head -----								
GA	385	415	255	260	185	180	115	115
IL	1,840	1,870	1,180	1,190	1,070	1,090	900	910
IN	1,340	1,365	1,055	1,090	820	855	645	690
IA	4,400	4,570	3,270	3,460	2,450	2,760	2,080	2,210
KS	500	450	350	325	265	255	215	200
MN	1,480	1,630	1,020	1,100	810	860	630	720
MO	985	935	600	550	455	430	355	360
NE	1,460	1,520	960	980	740	750	610	610
NC	1,055	1,350	565	700	455	580	395	490
OH	660	620	438	415	350	335	300	280
10 St	14,105	14,725	9,693	10,070	7,600	8,095	6,245	6,585
KY	306	320	198	210	156	155	130	130
MI	330	345	250	250	255	255	245	245
PA	287	280	215	216	177	180	141	144
SD	610	670	380	435	300	325	235	260
TN	210	225	130	150	110	115	80	90
WI	375	355	265	260	210	215	175	180
16 St	16,223	16,920	11,131	11,591	8,808	9,340	7,251	7,634
AL	120	112	95	90	75	73	35	35
AK	0.50	0.50	0.20	0.20	0.10	0.20	0.10	0.10
AZ	33	33	26	25	20	19	18	11
AR	345	310	142	150	109	110	73	80
CA	60	64	49	51	31	40	27	31
CO	100	125	63	85	52	80	43	75
CT	1.9	2.0	1.5	1.5	1.0	0.90	1.5	1.5
DE	11	15	8.0	11	6.0	6.0	2.0	3.0
FL	49	65	23	20	19	16	16	10
HI	13	12	9.0	8.0	6.0	6.0	2.0	2.0
ID	18	15	14	13	10	10	10	7.0
LA	13	18	12	14	9.0	10	7.0	8.0
ME	2.9	2.7	2.9	2.8	0.80	0.70	1.5	1.3
MD	51	64	36	34	25	26	23	21
MA	12	9.0	8.0	7.0	5.0	5.0	4.0	3.0
MS	42	41	40	36	26	29	20	21
MT	53	70	40	55	37	41	31	33
NV	4.0	3.0	4.0	3.0	2.0	3.0	2.0	2.0
NH	2.4	2.5	2.4	2.4	1.6	1.3	1.4	1.3
NJ	6.0	3.8	7.0	5.9	4.0	5.6	5.0	6.4
NM	8.0	9.0	6.0	4.0	5.0	3.0	4.0	4.0
NY	37	30	20	24	18	17	13	13
ND	88	95	55	60	46	50	42	48
OK	75	60	55	45	30	27	20	24
OR	19	18	18	17	16	16	16	13
RI	1.3	2.9	2.3	1.3	0.50	0.50	0.60	0.60
SC	137	135	89	89	74	73	49	49
TX	165	127	120	140	105	89	75	64
UT	10	11	7.0	8.0	5.0	7.0	6.0	7.0
VT	1.5	1.7	1.5	1.5	0.50	0.50	0.60	0.60
VA	135	128	90	87	78	75	77	72
WA	11	17	19	11	8.0	13	8.0	10
WV	10	14	4.0	5.0	5.0	4.0	6.0	5.0
WY	7.0	7.0	5.0	5.0	3.0	4.0	3.0	5.0
US	17,866	18,543	12,206	12,704	9,641	10,202	7,894	8,302

Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
December - February 1/ 1990-92

State	Sows Farrowing			Pigs Per Litter			Pig Crop 2/		
	1990		1991	As % of Number: 1991		1990	1991	1991	
	1990	1991	1,000 Head	Percent	Number	1,000 Head	Percent	1990	1991
GA	64	60	60	100	7.80	8.00	499	480	96
IL	250	270	290	107	7.60	7.60	1,900	2,052	108
IN	215	230	240	104	7.70	7.85	1,656	1,806	109
IA	620	650	725	112	7.70	7.75	4,774	5,038	106
KS	67	74	73	99	8.00	7.90	536	585	109
MN	220	230	245	107	8.20	8.10	1,804	1,863	103
MO	130	140	140	100	7.70	7.70	1,001	1,078	108
NE	210	220	230	105	7.90	8.00	1,659	1,760	106
NC	150	165	200	121	8.10	8.25	1,215	1,361	112
OH	102	90	95	106	8.10	8.30	826	747	90
10 St	2,028	2,129	2,298	108	7.83	7.88	15,870	16,770	106
KY	49	46	50	109	7.25	7.70	355	354	100
MI	47	45	50	111	8.10	7.90	381	356	93
PA	41	38	39	103	7.90	8.20	324	312	96
SD	84	91	95	104	8.20	8.10	689	737	107
TN	35	33	35	106	7.80	7.60	273	251	92
WI	65	63	63	100	7.85	7.95	510	501	98
16 St	2,349	2,445	2,630	108	7.83	7.89	18,402	19,281	105
AL	25	28			7.1	6.9	178	193	108
AK	0.04	0.05			8.0	8.0	0.32	0.4	125
AZ	6.0	5.0			8.3	7.7	50	39	78
AR	37	42			9.2	8.4	340	353	104
CA	11	11			7.3	8.4	80	92	115
CO	10	19			7.9	8.1	79	154	195
CT	0.10	0.10			6.5	8.0	0.70	0.8	114
DE	3.0	2.6			9.0	8.1	27	21	78
FL	8.0	7.0			7.4	7.0	59	49	83
HI	1.9	1.9			6.4	6.4	12	12	100
ID	3.0	2.3			8.0	7.7	24	18	75
LA	4.0	3.0			6.0	7.1	24	21	88
ME	0.50	0.50			8.0	8.0	4.0	4	100
MD	6.0	7.0			7.2	7.9	43	55	128
MA	1.5	1.4			7.4	7.6	11	11	100
MS	12	9.0			7.3	7.8	88	70	80
MT	12	12			8.2	8.2	98	98	100
NV	1.0	0.70			7.0	7.0	7.0	4.9	70
NH	0.30	0.30			7.6	8.0	2.3	2.4	104
NJ	1.0	0.60			7.3	6.6	7.3	4	55
NM	1.3	1.4			7.5	7.0	9.8	9.8	100
NY	5.0	4.0			8.0	8.0	40	32	80
ND	12	13			7.8	7.9	94	103	110
OK	12	7.0			6.9	7.4	83	52	63
OR	4.5	3.5			7.8	8.0	35	28	80
RI	0.20	0.20			8.0	8.0	1.6	1.6	100
SC	23	22			7.1	7.0	163	154	94
TX	20	30			7.4	7.0	148	210	142
UT	1.2	1.5			6.7	7.5	8.0	11	138
VT	0.40	0.30			6.0	6.5	2.4	2	83
VA	24	24			8.1	8.0	194	192	99
WA	3.0	3.0			8.7	9.0	26	27	104
WV	1.8	1.7			7.3	7.6	13	13	100
WY	1.0	0.80			7.6	8.0	7.6	6.4	84
Oth			4/270	102					
US	2,602	2,711	2,900	107	7.83	7.87	20,362	21,325	105

1/ December preceding year. 2/ Number of pigs born Dec.-Feb. that were still on hand Mar 1 or had been sold. 3/ Intentions. 4/ Individual State estimates of farrowing intentions not available for the 34 other States.

Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
March-May 1990-92

State	Sows Farrowing			Pigs Per Litter			Pig Crop 1/ 1991		
	1990		1991	1992 2/ As % of Number: 1991		1990	1991	1990	
				1,000 Head	Percent	-- Number --		1,000 Head	Percent
GA	63	64	60	94	7.80	7.75	491	496	101
IL	320	340	340	100	7.70	7.60	2,464	2,584	105
IN	240	255	245	96	8.10	8.10	1,944	2,066	106
IA	790	850	900	106	7.90	7.95	6,241	6,758	108
KS	88	77	75	97	8.00	7.90	704	608	86
MN	270	270	275	102	8.20	8.25	2,214	2,228	101
MO	180	185	175	95	7.75	7.60	1,395	1,406	101
NE	230	250	245	98	8.10	7.95	1,863	1,988	107
NC	160	180	200	111	8.20	8.70	1,312	1,566	119
OH	117	115	100	87	8.10	8.10	948	932	98
10 St	2,458	2,586	2,615	101	7.96	7.98	19,576	20,632	105
KY	53	47	50	106	7.70	7.75	408	364	89
MI	89	83	80	96	7.80	7.90	694	656	95
PA	48	40	38	95	8.10	8.40	389	336	86
SD	114	126	135	107	7.95	8.00	906	1,008	111
TN	33	40	36	90	7.70	7.50	254	300	118
WI	65	68	65	96	7.90	7.85	514	534	104
16 St	2,860	2,990	3,019	101	7.95	7.97	22,741	23,830	105
AL	25	26			7.8	7.8	195	203	104
AK	0.07	0.10			8.3	8.0	0.58	0.8	138
AZ	6.0	6.0			8.2	7.9	49	47	96
AR	42	45			8.5	8.7	357	392	110
CA	11	12			7.9	8.0	87	96	110
CO	17	22			8.3	8.6	141	189	134
CT	0.50	0.40			8.0	7.8	4.0	3.1	78
DE	2.2	2.2			8.2	8.2	18	18	100
FL	9.0	10			7.0	7.0	63	70	111
HI	1.9	1.9			6.5	6.4	12	12	100
ID	3.5	3.4			8.0	7.5	28	26	93
LA	3.0	3.0			7.7	6.2	23	19	83
ME	0.70	0.70			7.0	6.5	4.9	4.6	94
MD	12	12			8.3	7.2	100	86	86
MA	1.3	1.5			6.2	5.8	8.1	8.7	107
MS	10	8.0			7.1	7.3	71	58	82
MT	12	13			8.0	8.4	96	109	114
NV	0.90	0.70			8.3	7.4	7.5	5.2	69
NH	0.30	0.30			7.3	7.0	2.2	2.1	95
NJ	0.60	0.70			7.2	6.7	4.3	4.7	109
NM	1.4	1.7			7.6	6.8	11	12	109
NY	6.0	7.0			8.0	7.6	48	53	110
ND	15	17			7.7	7.7	116	131	113
OK	13	14			7.5	7.1	98	99	101
OR	4.5	4.0			8.0	8.2	36	33	92
RI	0.20	0.20			7.0	8.0	1.4	1.6	114
SC	24	24			7.3	7.5	175	180	103
TX	28	26			7.3	7.4	204	192	94
UT	2.0	2.3			7.7	6.7	15	15	100
VT	0.40	0.40			6.0	7.0	2.4	2.8	117
VA	23	23			8.4	8.2	193	189	98
WA	3.0	2.5			8.0	8.0	24	20	83
WV	2.2	2.2			7.0	8.0	15	18	120
WY	1.0	1.6			8.1	7.0	8.1	11	136
Oth			3/300	102					
US	3,143	3,285	3,319	101	7.94	7.96	24,959	26,142	105

1/ Number of pigs born during March-May that were still on hand March 1 or had been sold. 2/ Intentions. 3/ Individual State estimates of farrowing intentions not available for the 34 other States.

**Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
June - August 1990-91**

State	Sows Farrowing			Pig Crop 1/		
	1991		Pigs Per Litter	1990		1991
	1990	: As % of: : Number : 1990	1990	1991	: As % of: : Number: 1990	
	1,000 Head	Percent	Number	1,000 Head	Percent	
GA	58	57	98	7.90	7.65	458
IL	300	330	110	7.70	7.80	2,310
IN	230	245	107	8.05	7.85	1,852
IA	710	800	113	7.90	7.70	5,609
KS	77	74	96	7.95	7.85	612
MN	250	270	108	8.00	8.20	2,000
MO	150	155	103	7.50	7.45	1,125
NE	205	220	107	8.00	8.10	1,640
NC	150	190	127	8.20	8.70	1,230
OH	106	100	94	8.00	8.00	848
10 St	2,236	2,441	109	7.91	7.90	17,684
KY	50	50	100	7.60	7.85	380
MI	74	72	97	7.65	7.80	566
PA	42	39	93	7.80	8.20	328
SD	98	108	110	7.95	7.95	779
TN	40	40	100	7.80	7.20	312
WI	65	67	103	7.80	7.80	507
16 St	2,605	2,817	108	7.89	7.89	20,556
AL	22	20	91	7.6	8.2	167
AK	0.07	0.13	186	7.7	7.7	0.54
AZ	6.0	6.0	100	8.2	8.2	49
AR	46	45	98	8.8	8.4	405
CA	12	12.5	104	8.6	7.7	103
CO	14	22	157	8.4	8.2	118
CT	0.40	0.50	125	8.0	7.5	3.2
DE	2.5	1.8	72	5.2	8.9	13
FL	8.0	8	100	7.3	7.0	58
HI	1.9	1.9	100	7.1	6.4	13
ID	3.5	2.8	80	8.0	8.1	28
LA	3.0	3.0	100	6.7	7.4	20
ME	0.60	0.70	117	8.0	7.0	4.8
MD	12	9	75	8.6	8.0	103
MA	1.9	1.7	89	6.3	5.8	12.0
MS	9	9.5	106	8.2	7.6	74
MT	10	13	130	8.2	8.4	82
NV	0.80	0.80	100	8.2	7.8	6.6
NH	0.40	0.30	75	7.0	7.0	2.8
NJ	0.80	0.80	100	8.5	6.9	6.8
NM	1.4	1.5	107	7.7	7.7	11
NY	5.0	6.0	120	8.2	7.0	41
ND	14	16	114	7.6	7.6	106
OK	11	9	82	6.6	7.3	73
OR	5.5	3.4	62	8.3	7.8	46
RI	0.20	0.20	100	6.5	8.0	1.3
SC	22	23	105	7.5	7.5	165
TX	29	31	107	7.6	7.5	220
UT	2.0	2.0	100	8.0	7.4	16
VT	0.40	0.40	100	6.5	7.3	2.6
VA	23	22	96	8.2	8.5	189
WA	3.0	2.0	67	8.3	8.0	25
WV	2.0	2.1	105	7.7	7.4	15
WY	1.0	1.6	160	8.1	8.0	8.1
US	2,879	3,097	108	7.90	7.89	22,745
						24,432
						107

1/ Number of pigs born during June-August that were still on hand September 1 or had been sold.

Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
September - November 1990-91

State	Sows Farrowing			Pig Crop 1/		
	1991		Pigs Per Litter	1991		1991
	1990	: As % of: : Number : 1990	1990	1991	: As % of: : Number : 1990	
	1,000 Head	Percent	Number		1,000 Head	Percent
GA	55	60	109	7.70	7.65	424
IL	310	310	100	7.55	7.70	2,341
IN	220	230	105	8.00	7.90	1,760
IA	700	730	104	7.70	7.65	5,390
KS	74	73	99	7.90	7.81	585
MN	225	245	109	8.20	8.25	1,845
MO	175	155	89	7.20	7.80	1,260
NE	220	230	105	7.90	8.00	1,738
NC	160	200	125	8.40	8.60	1,344
OH	99	90	91	7.80	8.30	772
10 St	2,238	2,323	104	7.80	7.90	17,459
KY	47	51	109	7.90	7.61	371
MI	52	55	106	8.10	7.70	421
PA	40	39	98	8.10	8.30	324
SD	100	110	110	7.85	7.95	785
TN	34	38	112	7.70	7.70	262
WI	63	60	95	7.80	7.55	491
16 St	2,574	2,676	104	7.81	7.89	20,113
AL	22	20	91	7.8	7.8	172
AK	0.06	0.05	83	7.7	8.0	0.46
AZ	6.0	6.0	100	8.0	8.0	48
AR	44	42	95	8.7	8.6	383
CA	12	12	100	7.3	8.6	88
CO	17	20	118	8.4	8.1	143
CT	0.20	0.30	150	7.2	7.4	1.4
DE	1.2	1.2	100	7.5	9.0	9
FL	8.0	10.0	125	7.0	7.3	56
HI	2.0	2.0	100	7.4	6.9	15
ID	2.8	2.4	86	7.5	8.0	21
LA	3.0	4.0	133	7.4	7.8	22
ME	0.60	0.50	83	7.5	8.0	4.5
MD	8	10.0	125	7.8	8.7	62
MA	1.5	1.4	93	6.7	6.9	10
MS	7.0	7.5	107	7.8	7.9	55
MT	10	13	130	8.1	8.0	81
NV	0.80	0.90	113	7.4	7.4	5.9
NH	0.40	0.40	100	7.0	7.5	2.8
NJ	0.80	0.50	63	7.9	7.0	6.3
NM	1.5	1.5	100	7.3	7.3	11
NY	5.0	6.0	120	8.4	6.0	42
ND	13	14	108	7.8	7.8	101
OK	12	12.0	100	7.3	7.8	88
OR	3.5	3.5	100	7.8	8.0	27
RI	0.30	0.40	133	7.0	6.5	2.1
SC	23	22	96	7.4	7.4	170
TX	29	23	79	7.3	7.0	212
UT	1.8	2.0	111	7.2	7.9	13
VT	0.30	0.30	100	7.0	7.0	2.1
VA	22	21	95	8.3	8.2	183
WA	3.0	2.0	67	8.3	9.0	25
WV	1.3	1.9	146	7.6	7.4	10
WY	1.0	1.4	140	8.2	8.3	8.2
US	2,838	2,941	104	7.82	7.89	22,194
						23,208
						105

1/ Number of pigs born during September-November that were still on hand December 1 or had been sold.

**Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
March 1, 1990-91**

State	Breeding			Market			Total		
	1991		: As % of Number: 1990	1991		: As % of Number: 1990	1991		: As % of Number: 1990
	1990	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent
GA	165	160	97	1,055	990	94	1,220	1,150	94
IL	690	740	107	4,410	4,760	108	5,100	5,500	108
IN	530	555	105	3,620	3,695	102	4,150	4,250	102
IA	1,650	1,700	103	11,250	11,800	105	12,900	13,500	105
KS	165	180	109	1,195	1,320	110	1,360	1,500	110
MN	550	560	102	3,700	3,790	102	4,250	4,350	102
MO	370	410	111	2,180	2,290	105	2,550	2,700	106
NE	540	540	100	3,610	3,710	103	4,150	4,250	102
NC	315	350	111	2,285	2,550	112	2,600	2,900	112
OH	270	255	94	1,640	1,635	100	1,910	1,890	99
10 St	5,245	5,450	104	34,945	36,540	105	40,190	41,990	104
KY	137	120	88	733	700	95	870	820	94
MI	190	180	95	960	920	96	1,150	1,100	96
PA	104	97	93	846	783	93	950	880	93
SD	245	245	100	1,505	1,465	97	1,750	1,710	98
TN	95	80	84	585	440	75	680	520	76
WI	170	170	100	990	970	98	1,160	1,140	98
16 St	6,186	6,342	103	40,564	41,818	103	46,750	48,160	103
Oth 1/	620	650	105	3,780	3,950	104	4,400	4,600	105
US	6,806	6,992	103	44,344	45,768	103	51,150	52,760	103

1/ Individual State estimates not available for the 34 other States.

**Market Hogs and Pigs: Inventory Number, By Weight Groups,  
March 1, 1990-91**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1990	1991	1990	1991	1990	1991	1990	1991
	1,000 Head							
GA	435	420	275	260	220	200	125	110
IL	1,620	1,790	1,030	1,170	950	990	810	810
IN	1,400	1,450	885	910	735	730	600	605
IA	4,020	4,270	2,680	2,830	2,520	2,600	2,030	2,100
KS	440	490	290	320	265	285	200	225
MN	1,460	1,520	890	880	720	750	630	640
MO	850	875	510	550	450	460	370	405
NE	1,470	1,530	870	880	690	700	580	600
NC	940	1,045	535	600	445	495	365	410
OH	654	650	370	370	343	345	273	270
10 St	13,289	14,040	8,335	8,770	7,338	7,555	5,983	6,175
KY	301	285	180	175	150	135	102	105
MI	315	300	235	220	220	210	190	190
PA	300	283	218	206	180	165	148	129
SD	570	620	375	350	305	275	255	220
TN	230	195	140	100	110	75	105	70
WI	380	380	219	215	206	200	185	175
16 St	15,385	16,103	9,702	10,036	8,509	8,615	6,968	7,064
Oth 1/	1,510	1,560	900	1,000	700	700	670	690
US	16,895	17,663	10,602	11,036	9,209	9,315	7,638	7,754

1/ Individual State estimates not available for the 34 other States.

**Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
June 1, 1990-91**

State	Breeding			Market			Total		
	1991		1991		1991		1991		1991
	1990	: As % of Number: 1990	1990						
	1,000 Head	Percent							
GA	160	160	100	990	990	100	1,150	1,150	100
IL	700	760	109	4,800	4,840	101	5,500	5,600	102
IN	540	565	105	3,810	3,935	103	4,350	4,500	103
IA	1,680	1,820	108	11,920	12,780	107	13,600	14,600	107
KS	185	180	97	1,345	1,340	100	1,530	1,520	99
MN	600	620	103	4,050	4,080	101	4,650	4,700	101
MO	410	410	100	2,490	2,490	100	2,900	2,900	100
NE	530	570	108	3,670	3,830	104	4,200	4,400	105
NC	320	375	117	2,330	2,775	119	2,650	3,150	119
OH	280	260	93	1,820	1,740	96	2,100	2,000	95
10 St	5,405	5,720	106	37,225	38,800	104	42,630	44,520	104
KY	140	125	89	740	705	95	880	830	94
MI	170	170	100	1,130	1,130	100	1,300	1,300	100
PA	100	100	100	850	790	93	950	890	94
SD	235	260	111	1,555	1,610	104	1,790	1,870	104
TN	90	105	117	510	545	107	600	650	108
WI	165	170	103	935	960	103	1,100	1,130	103
16 St	6,305	6,650	105	42,945	44,540	104	49,250	51,190	104
Oth 1/	770	850	110	3,830	4,350	114	4,600	5,200	113
US	7,075	7,500	106	46,775	48,890	105	53,850	56,390	105

1/ Individual State estimates not available for the 34 other States.

**Market Hogs and Pigs: Inventory Number, By Weight Groups,  
June 1, 1990-91**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1990	1991	1990	1991	1990	1991	1990	1991
	1,000 Head							
GA	420	430	270	270	195	190	105	100
IL	1,880	1,950	1,180	1,260	980	920	760	710
IN	1,470	1,530	1,010	1,055	730	760	600	590
IA	5,100	5,500	3,050	3,260	2,100	2,250	1,670	1,770
KS	575	510	315	325	255	290	200	215
MN	1,720	1,690	990	1,050	760	760	580	580
MO	1,160	1,170	600	580	390	390	340	350
NE	1,570	1,670	930	960	670	690	500	510
NC	970	1,140	530	625	445	520	385	490
OH	815	800	450	430	320	300	235	210
10 ST	15,680	16,390	9,325	9,815	6,845	7,070	5,375	5,525
KY	320	290	185	185	133	130	102	100
MI	575	555	245	240	165	175	145	160
PA	315	285	220	200	180	171	135	134
SD	690	730	380	420	270	255	215	205
TN	215	235	130	140	95	95	70	75
WI	381	395	243	245	167	175	144	145
16 St	18,176	18,880	10,728	11,245	7,855	8,071	6,186	6,344
Oth 1/	1,630	1,870	990	1,130	680	750	530	600
US	19,806	20,750	11,718	12,375	8,535	8,821	6,716	6,944

1/ Individual State estimates not available for the 34 other States.

**Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
September 1, 1990-91**

State	Breeding			Market			Total		
	1991		: As % of : : Number: 1990 :	1991		: As % of : : Number: 1990 :	1991		: As % of : : Number: 1990 :
	1990	Percent		1,000 Head	Percent		1,000 Head	Percent	
GA	160	155	97	990	965	97	1,150	1,120	97
IL	700	770	110	5,000	5,430	109	5,700	6,200	109
IN	550	570	104	3,950	4,130	105	4,500	4,700	104
IA	1,660	1,820	110	13,040	13,980	107	14,700	15,800	107
KS	180	175	97	1,370	1,295	95	1,550	1,470	95
MN	580	620	107	4,220	4,430	105	4,800	5,050	105
MO	400	375	94	2,350	2,375	101	2,750	2,750	100
NE	490	530	108	3,710	3,920	106	4,200	4,450	106
NC	320	410	128	2,380	2,990	126	2,700	3,400	126
OH	260	250	96	1,810	1,710	94	2,070	1,960	95
10 St	5,300	5,675	107	38,820	41,225	106	44,120	46,900	106
KY	135	140	104	765	760	99	900	900	100
MI	165	175	106	1,165	1,175	101	1,330	1,350	102
PA	105	110	105	845	830	98	950	940	99
SD	240	255	106	1,520	1,665	110	1,760	1,920	109
TN	105	95	90	545	575	106	650	670	103
WI	165	170	103	965	1,000	104	1,130	1,170	104
16 St	6,215	6,620	107	44,625	47,230	106	50,840	53,850	106
Oth 1/	600	640	107	4,500	4,760	106	5,100	5,400	106
US	6,815	7,260	107	49,125	51,990	106	55,940	59,250	106

1/ Individual State estimates not available for the 34 other States.

**Market Hogs and Pigs: Inventory Number By Weight Groups,  
September 1, 1990-91**

State	Under 60 Lbs.			60-119 Lbs.			120-179 Lbs.			180 Lbs. and Over		
	1990		1991	1990		1991	1990		1991	1990		1991
	1,000 Head											
GA	420	390	260	250	185	195	125	130				
IL	1,810	2,070	1,260	1,320	1,070	1,110	860	930				
IN	1,480	1,515	980	1,040	880	925	610	650				
IA	4,700	5,000	3,350	3,700	2,900	3,030	2,090	2,250				
KS	510	475	325	315	300	285	235	220				
MN	1,730	1,870	1,020	1,080	820	820	650	660				
MO	990	985	540	545	430	460	390	385				
NE	1,540	1,660	840	890	750	770	580	600				
NC	980	1,255	560	670	465	580	375	485				
OH	720	685	445	440	390	380	255	205				
10 St	14,880	15,905	9,580	10,250	8,190	8,555	6,170	6,515				
KY	310	320	205	200	145	140	105	100				
MI	400	410	360	360	230	230	175	175				
PA	305	305	210	210	180	175	150	140				
SD	620	675	385	415	305	340	210	235				
TN	240	225	125	145	100	120	80	85				
WI	381	395	253	260	182	190	149	155				
16 St	17,136	18,235	11,118	11,840	9,332	9,750	7,039	7,405				
Oth 1/	1,800	1,890	1,100	1,140	800	870	800	860				
US	18,936	20,125	12,218	12,980	10,132	10,620	7,839	8,265				

1/ Individual State estimates not available for the 34 other States.

Hogs and Pigs: Number of Operations With Hogs, Inventory, Value Per Head,  
and Total Value, December 1, 1990-91 1/

State	Operations With Hogs:		Inventory		Value Per Head:		Total Value	
	1990	1991	1990	1991	1990	1991	1990	1991
	Number		1,000 Head		Dollars		1,000 Dollars	
GA	8,000	7,000	1,100	1,130	84.00	67.00	92,400	75,710
IL	15,300	14,800	5,700	5,800	83.00	68.00	473,100	394,400
IN	13,000	12,000	4,400	4,550	85.00	69.00	374,000	313,950
IA	35,000	34,000	13,800	14,800	86.00	69.00	1,186,800	1,021,200
KS	6,000	5,600	1,500	1,400	81.00	65.00	121,500	91,000
MN	15,000	14,000	4,500	4,900	85.00	67.00	382,500	328,300
MO	16,000	15,000	2,800	2,650	88.00	67.00	246,400	177,550
NE	12,500	12,500	4,300	4,400	88.00	69.00	378,400	303,600
NC	10,000	8,800	2,800	3,550	75.00	65.00	210,000	230,750
OH	13,600	13,000	2,000	1,875	83.00	68.00	166,000	127,500
10 St	144,400	136,700	42,900	45,055	84.60	68.00	3,631,100	3,063,960
KY	7,500	6,500	920	950	78.00	67.00	71,760	63,650
MI	5,500	5,000	1,250	1,270	92.00	74.00	115,000	93,980
PA	8,000	7,700	920	920	84.00	76.00	77,280	69,920
SD	8,000	7,500	1,770	1,950	94.00	71.00	166,380	138,450
TN	8,500	7,000	620	670	86.00	67.00	53,320	44,890
WI	9,400	8,600	1,200	1,180	90.00	72.00	108,000	84,960
16 St	191,300	179,000	49,580	51,995	85.20	68.50	4,222,840	3,559,810
AL	6,700	6,000	400	375	91.00	78.00	36,400	29,250
AK	40	40	1.2	1.4	165.00	165.00	198	231
AZ	400	400	110	100	93.00	85.00	10,230	8,500
AR	3,100	3,200	760	760	84.00	70.00	63,840	53,200
CA	4,000	4,200	195	215	110.00	105.00	21,450	22,575
CO	2,000	1,800	300	410	93.00	75.00	27,900	30,750
CT	450	460	6.9	7.0	95.00	97.00	656	679
DE	420	400	31	39	86.00	67.00	2,666	2,613
FL	5,000	4,500	130	135	91.00	70.00	11,830	9,450
HI	500	450	36	34	135.00	145.00	4,860	4,930
ID	2,000	1,700	60	52	86.00	76.00	5,160	3,952
LA	2,500	2,000	50	60	92.00	79.00	4,600	4,740
ME	1,600	1,700	9.9	9.2	89.00	93.00	881	856
MD	1,400	1,100	162	175	93.00	77.00	15,066	13,475
MA	850	870	33	29	84.00	92.00	2,772	2,668
MS	6,000	5,000	149	149	83.00	75.00	12,367	11,175
MT	1,500	1,300	185	225	89.00	68.00	16,465	15,300
NV	140	140	14	13	97.00	91.00	1,358	1,183
NH	750	750	9.3	9.0	92.00	91.00	856	819
NJ	700	700	25	24	93.00	84.00	2,325	2,016
NM	900	900	27	24	85.00	82.00	2,295	1,968
NY	2,900	3,000	103	98	85.00	77.00	8,755	7,546
ND	2,100	1,900	265	290	87.00	72.00	23,055	20,880
OK	5,200	4,300	215	190	86.00	80.00	18,490	15,200
OR	2,400	2,100	80	75	96.00	79.00	7,680	5,925
RI	90	80	5.3	6.0	89.00	88.00	472	528
SC	8,800	7,500	410	405	86.00	73.00	35,260	29,565
TX	11,000	11,500	550	500	82.00	65.00	45,100	32,500
UT	900	900	33	38	93.00	77.00	3,069	2,926
VT	1,100	1,100	5.0	5.2	90.00	98.00	450	510
VA	3,500	3,000	430	410	83.00	73.00	35,690	29,930
WA	2,500	2,000	56	58	91.00	83.00	5,096	4,814
WV	2,300	2,000	30	34	93.00	82.00	2,790	2,788
WY	400	400	20	24	86.00	77.00	1,720	1,848
US	275,440	256,390	54,477	56,974	85.40	69.10	4,654,641	3,935,099

1/ An operation is any place having one or more hogs and pigs on hand at any time during the year. Totals may not add due to rounding.

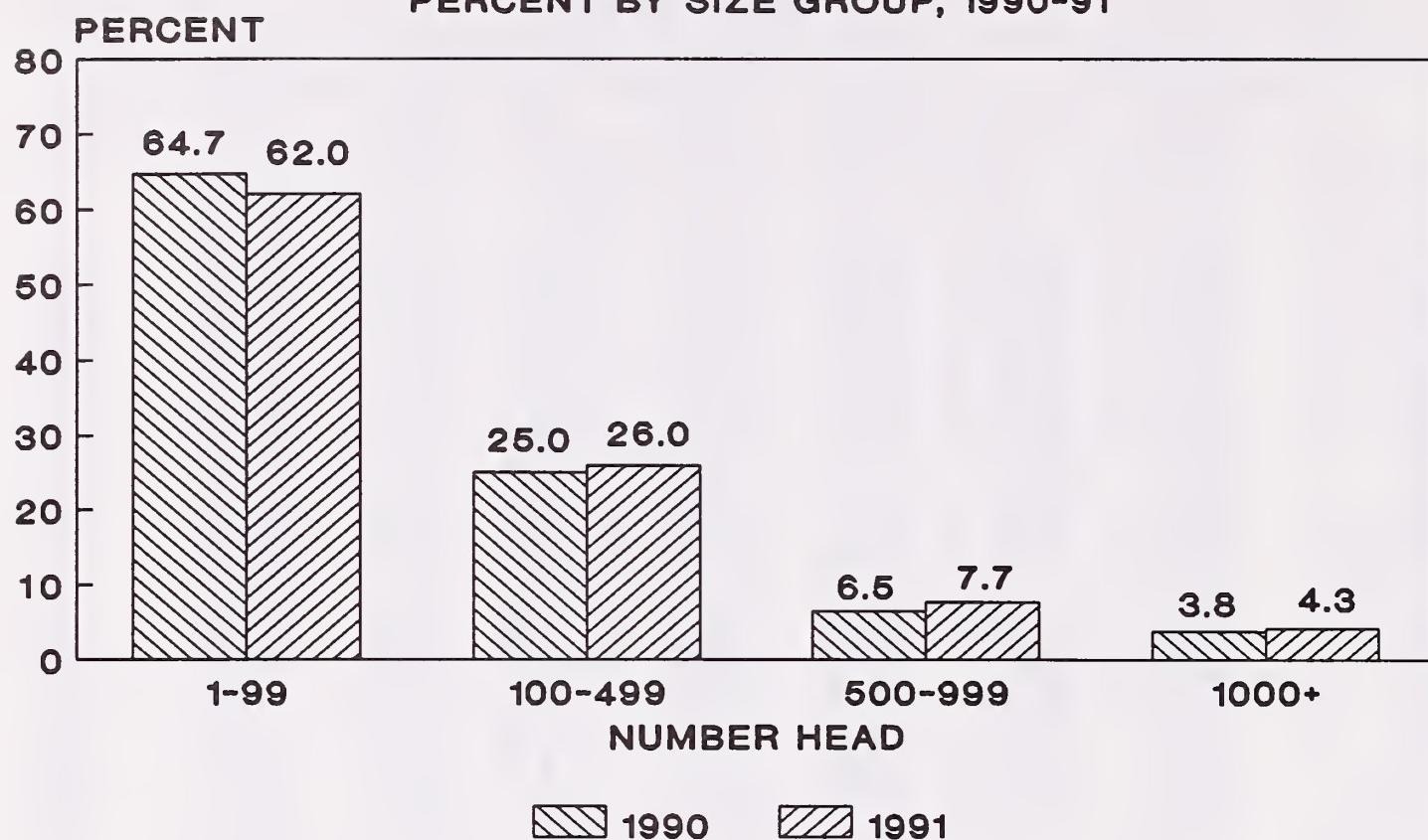
Hogs and Pigs: Percent of Operations and Inventory By  
Size Groups, 1990-91, Selected States,  
Regions, and United States 1/

State	Operations Having:							
	1-99 Head		100-499 Head		500-999 Head		1,000+ Head	
	1990	1991	1990	1991	1990	1991	1990	1991
Percent								
GA	80.0	76.0	14.0	17.0	3.6	4.3	2.4	2.7
IL	42.0	39.0	38.0	39.0	12.5	14.0	7.5	8.0
IN	47.0	43.0	35.0	37.0	12.0	12.0	8.0	8.0
IA	26.0	24.0	47.0	48.0	18.5	19.0	8.5	9.0
KS	51.0	52.0	40.0	37.5	5.7	6.5	3.3	4.0
MN	40.0	40.0	40.0	40.0	14.0	13.0	6.0	7.0
MO	62.0	62.0	29.5	28.0	6.0	7.0	2.5	3.0
NE	36.0	36.0	47.0	46.5	11.4	11.5	5.6	6.0
NC	83.0	81.0	8.0	8.0	3.0	3.0	6.0	8.0
OH	64.0	62.0	27.0	27.0	5.0	7.0	4.0	4.0
10 St	48.1	46.0	35.2	36.0	10.8	11.5	5.9	6.5
KY	79.0	75.0	16.0	18.0	3.0	4.0	2.0	3.0
MI	67.0	67.0	24.5	24.5	4.0	4.0	4.5	4.5
PA	81.0	81.0	12.5	13.0	3.8	3.5	2.7	2.5
SD	44.0	40.0	46.0	48.0	7.4	9.2	2.6	2.8
TN	87.0	78.0	9.5	17.5	2.0	2.5	1.5	2.0
WI	67.0	65.0	25.5	27.0	6.0	6.4	1.5	1.6
16 St	53.7	51.0	32.0	33.0	9.3	10.0	5.0	6.0
US	64.7	62.0	25.0	26.0	6.5	7.7	3.8	4.3
Inventory on Operations Having:								
State	1-99 Head		100-499 Head		500-999 Head		1,000+ Head	
	1990	1991	1990	1991	1990	1991	1990	1991
	Percent							
GA	14.0	12.0	25.0	26.0	18.0	19.0	43.0	43.0
IL	4.5	4.0	27.5	26.0	24.0	25.0	44.0	45.0
IN	4.0	4.0	24.0	24.0	21.0	22.0	51.0	50.0
IA	2.5	2.5	31.0	29.5	32.5	31.0	34.0	37.0
KS	7.5	75.0	36.5	32.5	16.0	16.0	40.0	44.0
MN	4.0	4.5	30.0	29.5	31.0	29.0	35.0	37.0
MO	10.0	7.5	39.0	34.5	23.5	24.0	27.5	34.0
NE	4.0	4.5	33.0	32.0	23.0	22.5	40.0	41.0
NC	4.2	3.0	5.3	4.4	6.5	5.6	84.0	87.0
OH	10.0	9.0	33.0	35.0	25.0	26.0	32.0	30.0
10 St	4.7	4.5	28.9	27.5	25.5	25.0	40.9	43.0
KY	15.0	13.0	28.0	29.0	18.0	19.0	39.0	39.0
MI	6.0	5.5	22.0	22.0	13.0	12.5	59.0	60.0
PA	10.0	10.0	24.0	25.0	21.0	20.0	45.0	45.0
SD	7.0	6.0	45.0	43.0	21.0	24.0	27.0	27.0
TN	24.0	18.0	26.0	35.0	18.0	18.0	32.0	29.0
WI	11.5	11.0	38.0	38.0	29.0	29.0	21.5	22.0
16 St	5.5	5.0	29.3	28.0	24.8	25.0	40.4	42.0
US	6.5	5.5	28.0	26.5	23.5	24.0	42.0	44.0

1/ An operation is any place having one or more hogs and pigs on hand any time during the year. Percents reflect average distributions based primarily on mid-year surveys.

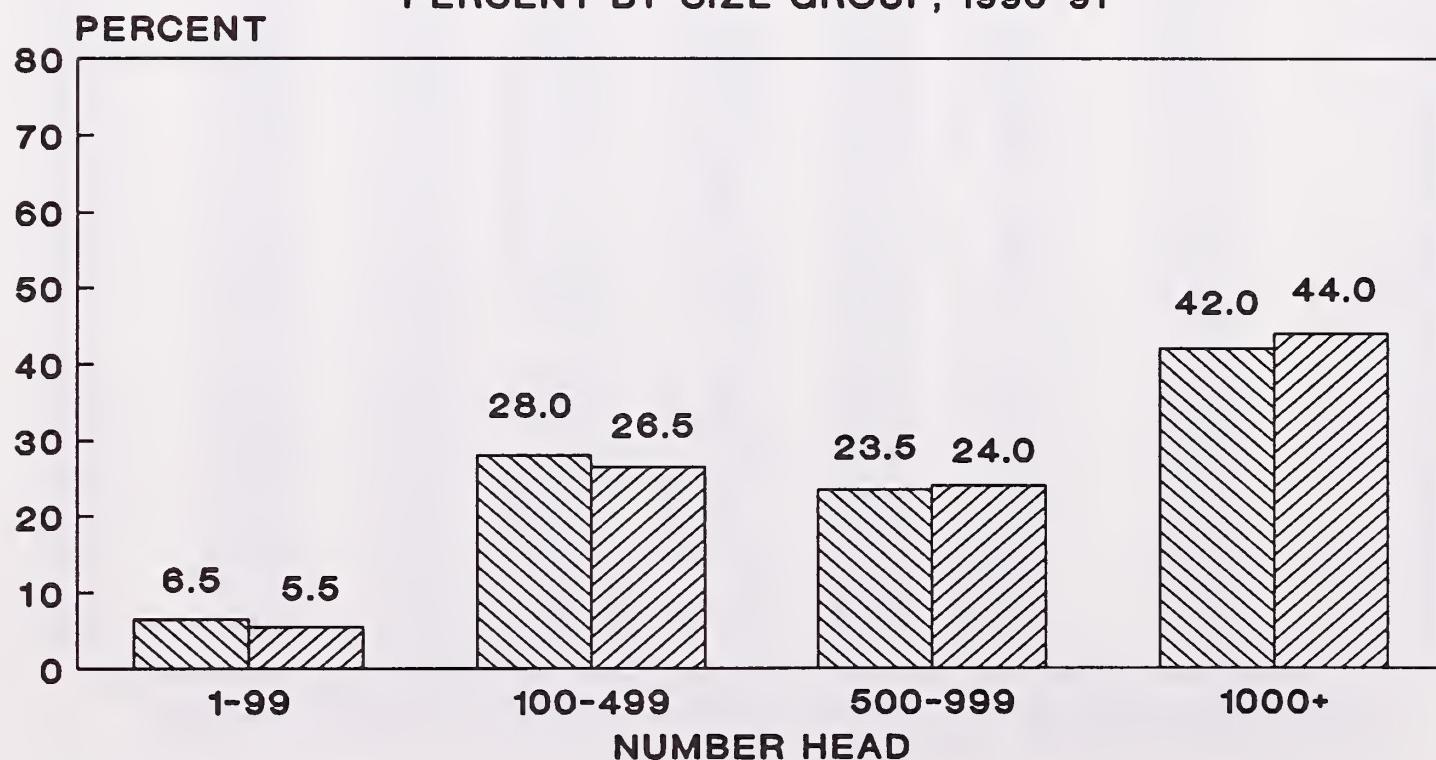
## U.S. HOG OPERATIONS

### PERCENT BY SIZE GROUP, 1990-91



## U.S. HOG INVENTORY

### PERCENT BY SIZE GROUP, 1990-91



## **Reliability of December 1 Hogs and Pigs Estimates**

**Survey Procedures:** A random sample of U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 82,000 operators during the first half of December by mail, telephone, and face-to-face personal interviews. Regardless of when operators responded, they were asked to report inventories as of December 1.

**Estimation Procedures:** These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

**Revision Policy:** Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous quarter are subject to revision when current estimates are made. In June, estimates for the previous March and December are reviewed and in December, estimates for all quarters of the previous two years are reviewed. The reviews are primarily based on hog check-off receipts and hog slaughter. Estimates will also be reviewed after data from the Department of Commerce's five-year Census of Agriculture are available. No revisions will be made after that date.

**Reliability:** Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the table below. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 10 quarters is 0.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 57.0 million head by more than 0.9 percent, or about 513,000 head. Chances are 9 out of 10 that the difference will not exceed 1.6 percent, or about 912,000 head (the 90 percent confidence level).

The table below also shows a 10-quarter record of the range of differences between first and final estimates for selected items. Using estimates of all hogs and pigs as an example, changes between the first inventory estimate and the final estimate during the past 10 quarters have averaged 190,000 head, ranging from 31,000 to 1,130,000 head. During this period the initial inventory estimate has been below the final estimate 3 times and above the final estimate 7 times. This does not imply that the December 1 estimate is likely to understate or overstate final inventory. For most items, the number of quarters the initial estimates have been below or above the final estimate is about equally distributed.

#### Reliability of December 1 Hog Estimates

Item	Difference Between First and Final Estimates <sup>2/</sup>										Number of Quarters
	Root	Mean	90%	Estimates <sup>2/</sup>	First	First	Second	Third	Fourth	Fifth	
	Square	Confidence	Level	Average	Smallest	Largest	Above	Below	Final	Final	
	1/	:	:	:	:	:	:	:	:	:	
	:	:	:	:	:	:	:	:	:	:	
	--Percent--	-----1,000 Head-----						--Number--			
All Hogs & Pigs	0.9	1.6	912	-190	-31	-1130	7	3			
Pig Crop	1.2	2.1	487	24	48	-562	4	6			
Expected Farrowings											
Next Quarter	3.3	6.0	174	-18	-20	170	7	3			
Following Quarter	3.4	6.1	204	3	-6	220	5	5			

1/ Based on quarterly data from June 1989 through September 1991.

2/ Records for the past 10 quarters.

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